

## SEQUENCE LISTING

<110> ASTRAZENECA AB  
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 Ravyn, Vipa  
 Robbins, Alan

<120> GNAL Splice Variant and Uses Thereof

<130> 101218-1 WO

<150> 60/519,190

<151> 2003-11-11

<150> 60/607,010

<151> 2004-09-03

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 Lys Asn Val Lys Asp Ala Ile Val Thr Ile Val Ser Ala Met Ser Thr  
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 Ile Ile Pro Pro Val Pro Leu Ala Asn Pro Glu Asn Gln Phe Arg Ser  
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215

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Arg Met Leu Arg Glu Gln Lys Arg Asp Leu Gln Gln Thr His Arg Leu  
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Val Asn Gly Phe Asn Gly Glu Gly Gly Glu Glu Asp Pro Gln Ala Ala  
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Arg Ser Asn Ser Asp Gly Glu Lys Ala Thr Lys Val Gln Asp Ile Lys  
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Asn Asn Leu Lys Glu Ala Ile Glu Thr Ile Val Ala Ala Met Ser Asn  
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Lys Val Pro Leu Ala Glu Lys Arg Arg Gln Met Arg Lys Glu Ala Leu  
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Glu Ser Gly Lys Ser Thr Ile Val Lys Gln Met Arg Ile Leu His Val  
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Asn Gly Phe Asn Pro Glu Glu Lys Lys Gln Lys Ile Leu Asp Ile Arg  
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Lys Asn Val Lys Asp Ala Ile Val Thr Ile Val Ser Ala Met Ser Thr  
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<220>  
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<400> 33  
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<400> 34  
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<400> 35  
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<210> 36  
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<220>  
 <223> Primer

<400> 36  
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<210> 37  
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<400> 39  
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<400> 40  
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<210> 41  
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<400> 41  
 ccagccccga gcagc 15

<210> 42  
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 <212> PRT  
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<400> 42

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Asp Glu Lys Glu Arg Arg Glu Ala Asn Lys Lys Ile Glu Lys Gln Leu  
20 25 30

Gln Lys Glu Arg Leu Ala Tyr Lys Ala Thr His Arg Leu Leu Leu Leu  
35 40 45

Gly Ala Gly Glu Ser Gly Lys Ser Thr Ile Val Lys Gln Met Arg Ile  
50 55 60

Leu His Val Asn Gly Phe Asn Pro Glu  
65 70

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<400> 43

Met Gly Cys Leu Gly Asn Ser Lys Thr Glu Asp Gln Arg Asn Glu Glu  
1 5 10 15

Lys Ala Gln Arg Glu Ala Asn Lys Lys Ile Glu Lys Gln Leu Gln Lys  
20 25 30

Asp Lys Gln Val Tyr Arg Ala Thr His Arg Leu Leu Leu Leu Gly Ala  
35 40 45

Gly Glu Ser Gly Lys Ser Thr Ile Val Lys Gln Met Arg Ile Leu His  
50 55 60

Val Asn Gly Phe Asn Gly Glu  
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<210> 44  
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Met Gly Leu Cys Tyr Ser Leu Arg Pro Leu Leu Phe Gly Gly Pro Gly  
1 5 10 15

Asp Asp Pro Cys Ala Ala Ser Glu Pro Pro Val Glu Asp Ala Gln Pro  
20 25 30

Ala Pro Ala Pro Ala Leu Ala Pro Val Arg Ala Ala Ala Arg Asp Thr  
35 40 45

Ala Arg Thr Leu Leu Pro Arg Gly Gly Glu Gly Ser Pro Ala Cys Ala  
50 55 60

Arg Pro Lys Ala Asp Lys Pro Lys Glu Lys Arg Gln Arg Thr Glu Gln

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Gln Met Arg Ile Leu His Val Asn Gly Phe Asn Gly Glu  
165 170